

Title (en)  
MACHINE FOR SPLITTING ELONGATE SECTIONS OF WOOD INTO LOGS

Title (de)  
MASCHINE ZUM TEILEN VON LÄNGLICHEN HOLZABSCHNITTEN IN BLÖCKE

Title (fr)  
MACHINE A FENDRE EN BUCHES DES TRONÇONS ALLONGES DE BOIS

Publication  
**EP 1729941 B1 20080625 (FR)**

Application  
**EP 05714720 A 20050329**

Priority  
• CH 2005000178 W 20050329  
• FR 0403299 A 20040330

Abstract (en)  
[origin: WO2005095072A1] The invention relates to a machine for splitting elongate sections of wood, i.e. logs of wood for a fire, enabling the splitting of wood to be optimized and automated in order to obtain pieces of wood having a predetermined section which can be quickly and easily modified according to requirements. The machine (10) comprises a frame (20), fixed knives (40) which are mounted on said frame and disposed in a substantially perpendicular manner with respect to the axis of the section of wood which is to be split, a support cradle (21) for the section of wood and a pushing device (30) designed to push the elongate section of wood in a substantially axial manner against the knives. The inventive machine also comprises a drum (50) which can rotate about an axis (51) which is substantially parallel to the axis of the section of wood to be split. The knives (40) are mounted on the rotary drum and are disposed in a manner such as to define distinct splitting areas, each corresponding to a number and/or different geometry of the section of the logs of wood for a fire obtained during the splitting process.

IPC 8 full level  
**B27L 7/00** (2006.01); **B27L 7/06** (2006.01)

CPC (source: EP)  
**B27L 7/00** (2013.01); **B27L 7/06** (2013.01)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2005095072 A1 20051013**; AT E399082 T1 20080715; CA 2560087 A1 20051013; DE 602005007716 D1 20080807;  
EP 1729941 A1 20061213; EP 1729941 B1 20080625; ES 2310335 T3 20090101; FR 2868352 A1 20051007; FR 2868352 B1 20061117

DOCDB simple family (application)  
**CH 2005000178 W 20050329**; AT 05714720 T 20050329; CA 2560087 A 20050329; DE 602005007716 T 20050329; EP 05714720 A 20050329;  
ES 05714720 T 20050329; FR 0403299 A 20040330